WHAT IS CLAIMED IS:

1. In a casing for endoscopic manipulating head assembly, said casing being formed of a synthetic resin material and largely constituted by a main cover section and a grip cover section, said main cover section being adapted to support thereon an operating member of an angulation control mechanism, and said grip cover section being projected forward from said main cover section to provide a grip portion between said main cover section and an insertion tube of said endoscope:

a rigid support plate provided mostly within said main section and partly in said grip cover section to support said angulation control mechanism;

a plural number of passage-forming tubular structural members successively connected one after another within said grip cover section for passing internal components to or from said insertion tube of said endoscope, a tubular member at the proximal end of said grip cover section being connected to said rigid support plate;

a first anti-twist lock portion for blocking rotational movements of said grip cover section relative to said main cover section, formed by

said support plate between said main cover section and a proximal end of said grip cover section connected to said main cover section; and

a second anti-twist lock portion formed between a joint portion of said tubular members and said grip cover section of said casing.

2. A casing for endoscopic manipulating head assembly as defined in claim 1, wherein a passage is formed in and through said grip cover section by successively connecting three tubular structural members, including a first tubular member being connected to said support plate at a proximal end thereof and connected a second tubular member at a fore end thereof through a reinforcing ring, and said second tubular member having a fore end portion thereof inserted in a proximal end portion of a third tubular member.

3. A casing for endoscopic manipulating head assembly as defined in claim 2, wherein said first to third tubular members as well as said support plate is formed of a light metal, and said reinforcing ring between said first and second tubular members is of stainless steel.

4. A casing for endoscopic manipulating head assembly as defined in claim 3, wherein said first to third tubular members as well as said support plate is formed of aluminum or an aluminum alloy.

5. A casing for endoscopic manipulating head assembly as defined in claim 1, wherein said first anti-twist lock portion is formed by placing opposite side edge portions of said support plate in a pair of axial grooves provided on inner surfaces of said main and grip cover sections of the casing.

6. A casing for endoscopic manipulating head assembly as defined in claim 1, wherein said second anti-twist lock portion is formed by an axial groove provided on a large diameter portion at a fitting joint portion of said tubular structural member, and an axial protuberance or rib provided on an inner surface of said grip cover section for tight fitting engagement with said axial groove.